






	<p><b>P2041NSN1PNB</b></p>
	<p><b>Manufacturer Part Number:</b> P2041NSN1PNB</p>
 <p>Not Actual Photo YIC International Co., Limited.</p>	<p><b>Manufacturer/Brand:</b> NXP Semiconductors / Freescale</p>
	<p><b>Part of Description:</b> IC MPU Q OR IQ 1.5GHZ 780FCBGA</p>
<p><b>Datasheets:</b></p>	<p> 1.P2041NSN1PNB.pdf</p>
	<p> 2.P2041NSN1PNB.pdf</p>
	<p> 3.P2041NSN1PNB.pdf</p>
	<p> 4.P2041NSN1PNB.pdf</p>
	<p> 5.P2041NSN1PNB.pdf</p>
<p><b>RoHs Status:</b>  Lead free / RoHS</p>	
<p><b>Stock Condition:</b> Compliant New original, 10 pcs Stock Available.</p>	
<p><b>Ship From:</b> Hong Kong</p>	
<p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>	

## Specifications

Part Number	P2041NSN1PNB
Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU Q OR IQ 1.5GHZ 780FCBGA
Category	Integrated Circuits (ICs) > Embedded - Microprocessors
Part Status	10 pcs Stock
Series	QorIQ P2
Operating Temperature	0°C ~ 105°C (TA)
Package / Case	780-BBGA, FCBGA
Supplier Device Package	780-FCPBGA (23x23)
Core Processor	PowerPC e500mc
Speed	1.5GHz
Ethernet	10/100/1000 Mbps (5), 10 Gbps (1)
USB	USB 2.0 + PHY (2)
Voltage - I/O	1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3V
Number of Cores/Bus Width	4 Core, 32-Bit
Co-Processors/DSP	-
RAM Controllers	DDR3, DDR3L
Graphics Acceleration	No
Display & Interface Controllers	-
SATA	SATA 3Gbps (2)
Security Features	-
Additional Interfaces	DUART, I <sup>2</sup> C, MMC/SD, RapidIO, SPI
Packaging	Tray










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 <p><b>P2041NSN1NNB</b> NXP Semiconductors / Freescale IC MPU Q OR IQ 1.3GHZ 780FCBGA</p>	 <p><b>P2041NSN7PNAC</b> NXP Semiconductors / Freescale IC MPU Q OR IQ 1.5GHZ 780FCBGA</p>	 <p><b>P2041NSN7MMC</b> NXP Semiconductors / Freescale IC MPU Q OR IQ 1.2GHZ 780FCBGA</p>	 <p><b>P2041NSE7PNC</b> NXP Semiconductors / Freescale IC MPU Q OR IQ 1.5GHZ 780FCBGA</p>

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 SPU0410LRH5H	 TC7WB383FK	 TLC7725IDR	 V24A3V3C264B	 V375C12C150A
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